



Nov 11, 2020

To Whom It May Concern:

Attached find our lab report, testing fabric on our AAMI Level 1, non-surgical isolation gowns.

The required test for AAMI Level 1 is AATCC 42, Water Penetration Test. The threshold for testing is 4.5 grams or less of water penetration as a result. This test resulted in an average of .79 grams on the fabric and .007 grams on the seams.

This product is built to last 100 wash/dry cycles, which is what Vartest performed for the final test.

The testing was performed by Vartest, which is a New York based, third party testing laboratory. **ADI's non-surgical isolation gown -ISOGN1CXWELG- has been verified to pass the AAMI, Level 1 testing requirements.**

For any further technical information, please feel free to contact me personally.

Regards,

A handwritten signature in blue ink, appearing to read "D Houvener".

Duane Houvener
ADI National Manager of Value-Added Solutions
Direct [616 446 7439](tel:6164467439) | dhouvener@americandawn.com

ISO/IEC 17025 Certified Third Party Test Report

DATE: June 2, 2020 **FILE:** AMEDAW.A051520A
CLIENT: ADI - American Dawn Inc **ATTN:** Duane Houvener
401 West Artesia Blvd
Compton, CA 90220

SAMPLE IDENTIFIED BY CLIENT AS:

Garment Submitted
Manufacturer: Angeline
Name: ISOGN1CXWELG
Style: Non-Surgical Isolation Gown
99% Polyester, 1% Carbon
Color White W/pinstripes

TEST PROCEDURES:

TEST RESULTS:

WATER RESISTANCE - IMPACT
PENETRATION TEST (AATCC 42):

AFTER 100X WASHING PER
ISO 6330 7N (160°F) TDM:
- FABRIC AREA:
- SEAM AREA:

WATER AGAINST FACE OF FABRIC

0.09 g average water penetration
0.007 g average water penetration

Two specimens tested from seam area.

Signed For The Company By

Joseph Lin
Laboratory Manager

JG/05




Stacy Sadowy
Quality Assurance Manager



AMERICANDAWN®

Processing Guidelines Polyester Non-Surgical Isolation Gown

- A. Polyester isolation gowns must be laundered prior to use.
- B. Polyester gowns should be laundered separate from other linen to minimize lint accumulation and maximize the economics of the lightweight synthetic fabric.
- C. We recommend the following washing formula. Conventional washers are recommended and should be loaded at approximately 70% capacity to allow adequate flow of water across surfaces of polyester isolation gowns.
- D. Formula: **This formula is only a guideline.** Alterations should be made at the discretion of the Laundry Professional based on specific requirements, chemical supplies, water conditions, equipment, and expectations.

	<u>OPERATION</u>	<u>TIME</u>	<u>LEVEL</u>	<u>TEMP.</u>	
1.,	Flush	3 Min.	High	100°F	--
2.	Flush	3 Min.	High	100°F	--
3.	Break	7 Min.	Low	150°F	Detergent & Alkali Target pH 10.5
4.	Suds	5-7 Min.	Low	160°F	Alkali Detergent
5.	Rinse	2 Min.	High	140°F	
6.	Rinse	2 Min.	High	120°F	--
7.	Rinse	2 Min.	High	100°F	--
8.	Rinse	2 Min.	High	90°F	--
9.	Sour	5 Min.	Low	90°F	Sour to pH of 6

- E. **CAUTION:** Solvents and rust removing agents can damage generic polyester's repellent characteristic. Additionally, the routine use of citrus-based oil removers can coat/build-up on synthetic fibers and negatively affect the products barrier properties. These products should not be used when processing polyester isolation gowns.
- F. Thorough rinsing is essential to properly remove all surfactants. Residual surfactants act to reduce the repellent characteristics of polyester isolation gowns.
- G. Tumble dry at an exhaust temperature of 165°F for approximately 15-20 minutes and the appropriate cool down cycle.
- H. Polyester isolation gowns can be steam sterilized, using pre-vacuum cycles. A validated sterilization cycle should be used. Alterations should be made at the discretion of the sterilization professional based on specific requirements.